

**Amendments to the Claims:**

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This listing of claims will replace all prior versions, and listings, of claims in the application.

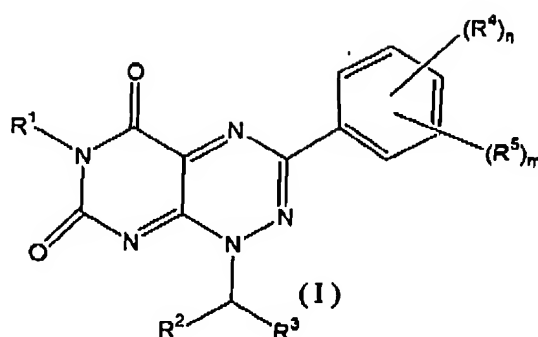
Claims 1-9. (canceled)

Claim 10. (canceled)

Claim 11. (canceled)

Claims 12-23. (canceled)

24. (New) A compound having the formula



and its N-oxide forms, pharmaceutically acceptable addition salts and stereo-chemically isomeric forms, wherein

n represents an integer being 0, 1 or 2;

m represents an integer being 0 or 1;

R<sup>1</sup> represents hydrogen, Ar<sup>1</sup>, C<sub>1-4</sub>alkyl or C<sub>1-4</sub>alkyl substituted with morpholinyl or pyridinyl;

R<sup>2</sup> and R<sup>3</sup> taken together with the carbon atom to which they are attached form a

C<sub>3-8</sub>cycloalkyl or Het<sup>1</sup> wherein said C<sub>3-8</sub>cycloalkyl or Het<sup>1</sup> each independently may optionally be substituted with one, or where possible, two or three substituents each independently selected from C<sub>1-4</sub>alkyloxycarbonyl, -C<sub>1-4</sub>alkyl-Ar<sup>3</sup>

C<sub>1-4</sub>alkylsulfonyl, aminosulfonyl, mono- or di(C<sub>1-4</sub>alkyl)aminosulfonyl or -C(=NH)-NH<sub>2</sub>;

R<sup>4</sup> represents halo, nitro, hydroxy or C<sub>1-4</sub>alkyloxy;

R<sup>5</sup> represents formyl, hydroxy, cyano, phenyl, -O-Ar<sup>2</sup>, NR<sup>6</sup>R<sup>7</sup>, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyloxy, C<sub>1-4</sub>alkylsulfonyl, C<sub>1-4</sub>alkylcarbonyl, C<sub>1-4</sub>alkyloxycarbonyl, -O-(mono- or di(C<sub>1-4</sub>alkyl)aminosulfonyl), Het<sup>2</sup>, -SO<sub>2</sub>-Het<sup>8</sup>, C<sub>2-6</sub>alkenyl optionally substituted with phenyl, C<sub>1-4</sub>alkyl substituted with one or where possible more substituent being selected from hydroxy, halo, Het<sup>3</sup>, NR<sup>6</sup>R<sup>7</sup> or formyl,

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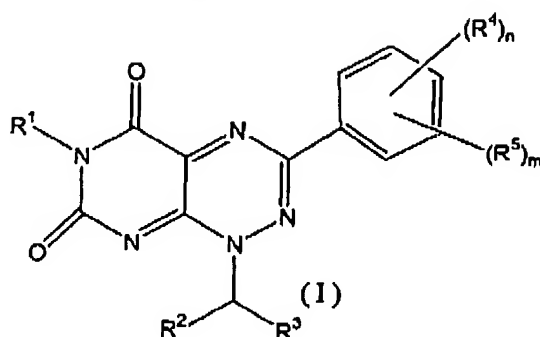
Claims 1-9. (canceled)

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and its N-oxide forms, pharmaceutically acceptable addition salts and stereo-chemically isomeric forms, wherein

n represents an integer being 0, 1 or 2;

m represents an integer being 0 or 1;

R<sup>1</sup> represents hydrogen, Ar<sup>1</sup>, C<sub>1-4</sub>alkyl or C<sub>1-4</sub>alkyl substituted with morpholinyl or pyridinyl;

R<sup>2</sup> and R<sup>3</sup> taken together with the carbon atom to which they are attached form a

C<sub>3-8</sub>cycloalkyl or Het<sup>1</sup> wherein said C<sub>3-8</sub>cycloalkyl or Het<sup>1</sup> each independently may optionally be substituted with one, or where possible, two or three substituents each independently selected from C<sub>1-4</sub>alkyloxycarbonyl, -C<sub>1-4</sub>alkyl-Ar<sup>3</sup>

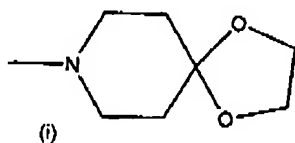
C<sub>1-4</sub>alkylsulfonyl, aminosulfonyl, mono- or di(C<sub>1-4</sub>alkyl)aminosulfonyl or -C(=NH)-NH<sub>2</sub>;

R<sup>4</sup> represents halo, nitro, hydroxy or C<sub>1-4</sub>alkyloxy;

R<sup>5</sup> represents formyl, hydroxy, cyano, phenyl, -O-Ar<sup>2</sup>, NR<sup>6</sup>R<sup>7</sup>, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyloxy, C<sub>1-4</sub>alkylsulfonyl, C<sub>1-4</sub>alkylcarbonyl, C<sub>1-4</sub>alkyloxycarbonyl, -O-(mono- or di(C<sub>1-4</sub>alkyl)aminosulfonyl), Het<sup>2</sup>, -SO<sub>2</sub>-Het<sup>6</sup>, C<sub>2-6</sub>alkenyl optionally substituted with phenyl, C<sub>1-4</sub>alkyl substituted with one or where possible more substituent being selected from hydroxy, halo, Het<sup>3</sup>, NR<sup>6</sup>R<sup>7</sup> or formyl,

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$C_{1-4}$ alkyloxy substituted with one or where possible more substituents being selected from halo, amino, mono- or di( $C_{1-4}$ alkyl)aminosulfonyl, aminosulfonyl, Het<sup>4</sup>, NR<sup>8</sup>R<sup>9</sup> or -C(=O)-Het<sup>4</sup>; R<sup>6</sup> and R<sup>7</sup> are each independently selected from hydrogen,  $C_{1-4}$ alkyl,  $C_{1-4}$ alkyloxy $C_{1-4}$ alkyl, Het<sup>5</sup> or  $C_{1-4}$ alkyl substituted with one or where possible more substituents being selected from hydroxy, Het<sup>5</sup>,  $C_{1-4}$ alkyloxycarbonyl, or  $C_{1-4}$ alkylsulfonyl; R<sup>8</sup> and R<sup>9</sup> are each independently selected from hydrogen,  $C_{1-4}$ alkyl,  $C_{1-4}$ alkyloxycarbonyl, Het<sup>7</sup>, mono- or di( $C_{1-4}$ alkyl)aminosulphonyl or aminosulphonyl; Het<sup>1</sup> represents piperidinyl or dihydroindenyl; Het<sup>2</sup> represents a heterocycle selected from piperidinyl, morpholinyl, or piperazinyl wherein said monocyclic heterocycles each independently may optionally be substituted with one, or where possible two or three substituents each independently selected from  $C_{1-4}$ alkyloxycarbonyl; Het<sup>3</sup> represents a heterocycle selected from morpholinyl, pyrrolidinyl, pyrrolyl, piperidinyl, or piperazinyl wherein said monocyclic heterocycles each independently may optionally be substituted with one, or where possible two or three substituents each independently selected from hydroxy,  $C_{1-4}$ alkyl,  $C_{1-4}$ alkyloxycarbonyl, hydroxy $C_{1-4}$ alkyl, aminosulfonyl, NR<sup>10</sup>R<sup>11</sup>, imidazolyl, tetrahydropyrimidinyl, amino, mono- or di( $C_{1-4}$ alkyl)aminosulfonyl, hydroxy $C_{1-4}$ alkyloxy $C_{1-4}$ alkyl,  $C_{1-4}$ alkyloxy $C_{1-4}$ alkyl or  $C_{1-4}$ alkyloxy; R<sup>10</sup> and R<sup>11</sup> are each independently selected from hydrogen,  $C_{1-4}$ alkyl,  $C_{1-4}$ alkyloxycarbonyl, aminosulfonyl, or mono- or di( $C_{1-4}$ alkyl)aminosulfonyl; Het<sup>4</sup> represents a heterocycle selected from morpholinyl, piperidinyl, imidazolyl or piperazinyl wherein said monocyclic heterocycles each independently may optionally be substituted with one, or where possible two or three substituents each independently selected from hydroxy,  $C_{1-4}$ alkyl,  $C_{1-4}$ alkyloxycarbonyl, aminosulfonyl or mono- or di( $C_{1-4}$ alkyl)aminosulfonyl or Het<sup>4</sup> represents a monovalent radical represented by formula (i);



Het<sup>5</sup> represents a heterocycle selected from pyridinyl, pyrimidinyl, pyrrolidinyl, or piperidinyl wherein said monocyclic heterocycles each independently may optionally be substituted with one, or where possible two or three substituents each independently selected from  $C_{1-4}$ alkyl,  $C_{1-4}$ alkyloxycarbonyl, aminosulfonyl,  $C_{1-4}$ alkylaminosulfonyl or mono- or di( $C_{1-4}$ alkyl)aminosulfonyl; Het<sup>6</sup> represents morpholinyl;

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- Het<sup>7</sup> represents pyridinyl, piperidinyl, piperazinyl or pyrimidinyl optionally substituted with C<sub>1-4</sub>alkylphenyl, C<sub>1-4</sub>alkyloxycarbonyl aminosulfonyl, or mono- or di(C<sub>1-4</sub>alkyl)aminosulfonyl;
- Ar<sup>1</sup> represents an aryl substituent selected from phenyl or naphthalenyl wherein said aryl substituents each independently may optionally be substituted with one, or where possibly two or three substituents each independently selected from nitro or C<sub>1-4</sub>alkyloxycarbonyl;
- Ar<sup>2</sup> represents phenyl optionally substituted with one or where possible two or three substituents each independently selected from the group consisting of halo and nitro;
- Ar<sup>3</sup> represents an aryl substituent selected from the group consisting of phenyl,
25. (New) A compound according to claim 24 wherein;
- R<sup>1</sup> represents Ar<sup>1</sup>, C<sub>1-4</sub>alkyl, or C<sub>1-4</sub>alkyl substituted with morpholinyl;
- R<sup>2</sup> and R<sup>3</sup> taken together with the carbon atom to which they are attached form a C<sub>3-8</sub>cycloalkyl or Het<sup>1</sup> wherein said C<sub>3-8</sub>cycloalkyl or Het<sup>1</sup> each independently may optionally be substituted with C<sub>1-4</sub>alkyloxycarbonyl;
- R<sup>4</sup> represents halo or R<sup>4</sup> represents C<sub>1-4</sub>alkyloxy;
- R<sup>6</sup> represents C<sub>1-4</sub>alkyloxycarbonyl, -O-(mono- or di(C<sub>1-4</sub>alkyl)aminosulfonyl), C<sub>1-4</sub>alkyl substituted with one or where possible more substituent being selected from Het<sup>3</sup> or NR<sup>6</sup>R<sup>7</sup>, C<sub>1-4</sub>alkyloxy substituted with one or where possible more substituents being selected from amino, Het<sup>4</sup> or NR<sup>8</sup>R<sup>9</sup>;
- R<sup>6</sup> and R<sup>7</sup> are each independently selected from hydrogen, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyloxyC<sub>1-4</sub>alkyl, Het<sup>5</sup> or C<sub>1-4</sub>alkyl substituted with one or where possible more substituents being selected from hydroxy or Het<sup>5</sup>;
- R<sup>8</sup> and R<sup>9</sup> are each independently selected from hydrogen, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyloxycarbonyl, Het<sup>7</sup> or mono- or di(C<sub>1-4</sub>alkyl)aminosulphonyl;
- Het<sup>1</sup> represents piperidinyl;
- Het<sup>3</sup> represents a heterocycle selected from morpholinyl, pyrrolidinyl, piperidinyl, or piperazinyl wherein said monocyclic heterocycles each independently may optionally be substituted with one, or where possible two or three substituents each independently selected from hydroxy, C<sub>1-4</sub>alkyl, aminosulfonyl, amino, mono- or di(C<sub>1-4</sub>alkyl)aminosulfonyl, hydroxyC<sub>1-4</sub>alkyloxyC<sub>1-4</sub>alkyl or C<sub>1-4</sub>alkyloxy;
- Het<sup>5</sup> represents pyridinyl optionally substituted with mono- or di(C<sub>1-4</sub>alkyl)aminosulfonyl;
- Het<sup>7</sup> represents piperidinyl optionally substituted with C<sub>1-4</sub>alkylphenyl, C<sub>1-4</sub>alkyloxycarbonyl, or mono- or di(C<sub>1-4</sub>alkyl)aminosulfonyl;

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Ar<sup>1</sup> represents an aryl substituent selected from phenyl or naphthalenyl;

26. (New) A compound according to claim 24 wherein;

R<sup>1</sup> represents C<sub>1-4</sub>alkyl;

R<sup>2</sup> and R<sup>3</sup> taken together with the carbon atom to which they are attached form a C<sub>3-6</sub>cycloalkyl or piperidinyl wherein said C<sub>3-6</sub>cycloalkyl or Het<sup>1</sup> each independently may optionally be substituted with C<sub>1-4</sub>alkyloxycarbonyl;

R<sup>4</sup> represents halo or C<sub>1-4</sub>alkyloxy;

R<sup>5</sup> represents C<sub>1-4</sub>alkyloxycarbonyl, -O-(mono- or di(C<sub>1-4</sub>alkyl)aminosulfonyl),

C<sub>1-4</sub>alkyl substituted with one or where possible more substituent being selected from Het<sup>3</sup> or NR<sup>6</sup>R<sup>7</sup>,

C<sub>1-4</sub>alkyloxy substituted with one or where possible more substituents being selected from amino, Het<sup>4</sup> or NR<sup>6</sup>R<sup>6</sup>;

R<sup>6</sup> and R<sup>7</sup> are each independently selected from hydrogen, C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyloxyC<sub>1-4</sub>alkyl, -Het<sup>5</sup> or C<sub>1-4</sub>alkyl substituted with one or where possible more substituents being selected from hydroxy, or Het<sup>5</sup>;

R<sup>8</sup> and R<sup>9</sup> are each independently selected from hydrogen, C<sub>1-4</sub>alkyl, -Het<sup>7</sup> or mono- or di(C<sub>1-4</sub>alkyl)aminosulphonyl;

Het<sup>3</sup> represents a heterocycle selected from piperidinyl, or piperazinyl wherein said monocyclic heterocycles each independently may optionally be substituted with one, or where possible two or three substituents each independently selected from hydroxy, aminosulfonyl, amino, mono- or di(C<sub>1-4</sub>alkyl)aminosulfonyl, hydroxyC<sub>1-4</sub>alkyloxyC<sub>1-4</sub>alkyl or C<sub>1-4</sub>alkyloxy;

Het<sup>4</sup> represents a heterocycle selected from morpholinyl, piperidinyl or piperazinyl wherein said monocyclic heterocycles each independently may optionally be substituted with one, or where possible two or three substituents each independently selected from C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkyloxycarbonyl or mono- or di(C<sub>1-4</sub>alkyl)aminosulfonyl;

Het<sup>5</sup> represents a heterocycle selected from pyridinyl or piperidinyl wherein said monocyclic heterocycles each independently may optionally be substituted with one, or where possible two or three substituents each independently selected from aminosulfonyl, or mono- or di(C<sub>1-4</sub>alkyl)aminosulfonyl;

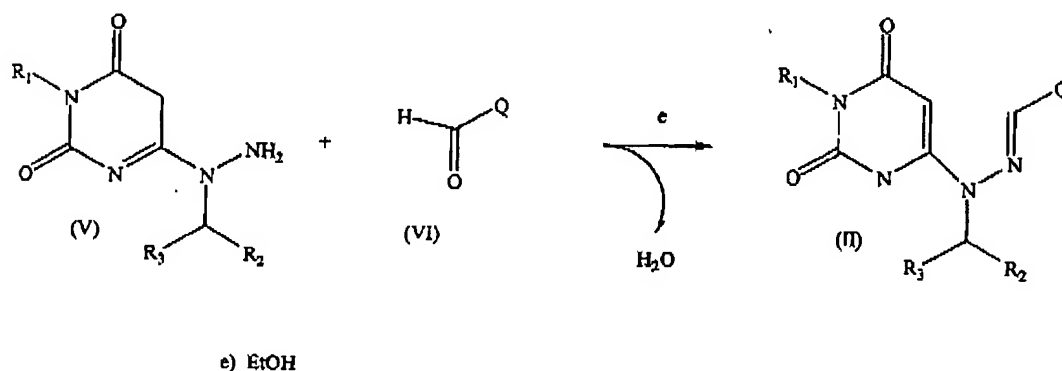
Het<sup>7</sup> represents piperidinyl.

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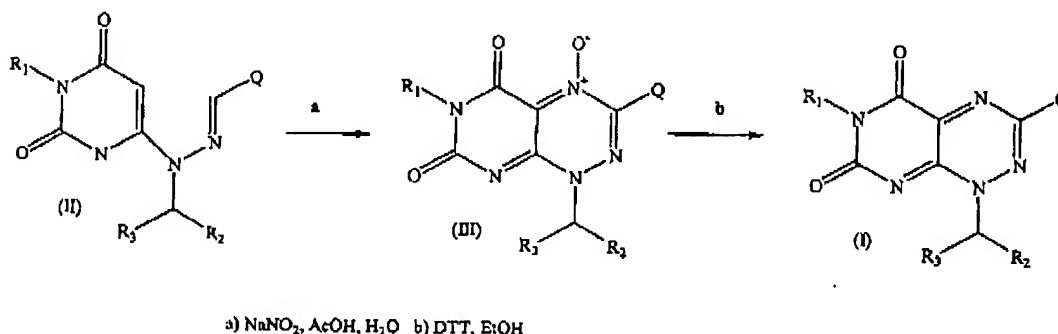
27. (New) A compound as claimed in claim 24, wherein  $R^2$  and  $R^3$  taken together with the carbon atom to which they are attached form a  $C_{3-6}$ cycloalkyl.
28. (New) A compound as claimed in claim 27, wherein  $R^2$  and  $R^3$  taken together with the carbon atom to which they are attached are cyclopentyl.
29. (New) A compound according to claim 24 wherein  $R^5$  represents formyl, hydroxy, cyano, phenyl,  $-O-Ar^2$ ,  $NR^6R^7$ ,  $C_{1-4}$ alkylsulfonyl,  $C_{1-4}$ alkylcarbonyl,  $C_{1-4}$ alkyloxycarbonyl,  $-O-(\text{mono- or di}(C_{1-4}\text{alkyl})\text{aminosulfonyl})$ ,  $Het^2$ ,  $-SO_2-Het^6$ ,  $C_{2-6}$ alkenyl optionally substituted with phenyl,  $C_{1-4}$ alkyl substituted with one or where possible more substituent being selected from hydroxy, halo,  $Het^3$ ,  $NR^6R^7$  or formyl, or  $C_{1-4}$ alkyloxy substituted with one or where possible more substituents being selected from halo, amino, mono- or  $\text{di}(C_{1-4}\text{alkyl})\text{aminosulfonyl}$ , aminosulfonyl,  $Het^4$ ,  $NR^6R^8$  or  $-C(=O)-Het^4$ .
30. (New) A compound according to claim 24, provided that when  $R^5$  represents  $NR^6R^7$ , either  $R^6$  or  $R^7$  represents  $C_{1-4}$ alkylsulfonyl or  $C_{1-4}$ alkylcarbonyl,
31. (New) A compound according to claim 30, provided that when  $R^5$  represents  $NR^6R^7$ , either  $R^6$  or  $R^7$  represents methylsulfonyl or methylcarbonyl.
32. (New) A compound as claimed in claim 24, provided that when  $R^5$  represents a  $C_{1-4}$ alkyloxy substituted  $Het^4$ , said  $Het^4$  being selected from the group consisting of morpholiny, piperidiny, piperaziny and piperaziny substituted with one  $C_{1-4}$ alkyl substituent, or  $Het^4$  consists of piperaziny substituted with one mono- or  $\text{di}(C_{1-4}\text{alkyl})\text{aminosulfonyl}$  substituent.
33. (New) A pharmaceutical composition comprising a pharmaceutically acceptable carrier and, as active ingredient, an effective kinase inhibitory amount of a compound as described in claim 24.

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34. (New) A process of preparing a compound as described in claim 24, comprising
- i) reacting a primary amine of formula (V) with an aldehyde of formula (VI) in a condensation reaction using ethanol as a suitable solvent;



- ii) followed by a nitrosative cyclisation of the thus obtained Schiffs bases of formula (II) with  $NaNO_2$  in acetic acid, and refluxing the nitroso intermediates of formula (III) in a suitable solvent such as acetic anhydride or ethanol further comprising dithiothreitol (DTT);



35. (New) A compound as claimed claim 24, wherein  $R^2$  and  $R^3$  taken together with the carbon atom to which they are attached form a  $C_{3-8}$ cycloalkyl.
36. (New) A compound as claimed claim 35, wherein  $R^2$  and  $R^3$  taken together with the carbon atom to which they are attached form cyclopentyl.
37. (New) A compound according to claim 24, provided that when  $R^5$  represents  $NR^6R^7$ , either  $R^6$  or  $R^7$  represents  $C_{1-4}$ alkylsulfonyl or  $C_{1-4}$ alkylcarbonyl.

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38. (New) A compound according to claim 37, provided that when  $R^5$  represents  $NR^6R^7$ , either  $R^6$  or  $R^7$  represents methylsulfonyl or methylcarbonyl.
39. (New) A compound according to claim 38, provided that when  $R^5$  represents  $NR^6R^7$ , either  $R^6$  or  $R^7$  represents methylsulfonyl.
40. (New) A compound according to claim 38, provided that when  $R^5$  represents  $NR^6R^7$ , either  $R^6$  or  $R^7$  represents methylcarbonyl.
41. (New) A compound as claimed in claim 24, provided that when  $R^5$  represents a  $C_{1-4}$ alkyloxy substituted  $Het^4$ , said  $Het^4$  being selected from the group consisting of morpholinyl, piperidinyl, piperazinyl and piperazinyl substituted with one  $C_{1-4}$ alkyl substituent, or  $Het^4$  consists of piperazinyl substituted with one mono- or di( $C_{1-4}$ alkyl)aminosulfonyl substituent.
42. (New) A compound as claimed in claim 41, provided that when  $R^5$  represents a  $C_{1-4}$ alkyloxy substituted  $Het^4$ , said  $Het^4$  being selected from the group consisting of morpholinyl, piperidinyl, piperazinyl and piperazinyl substituted with methyl in the para position relative to the carbon atom bearing the  $R^5$  substituent, or  $Het^4$  consists of piperazinyl substituted with dimethylaminosulfonyl in the para position relative to the carbon atom bearing the  $R^5$  substituent.
43. (New) A compound as claimed in claim 25, provided that when  $R^5$  represents a  $C_{1-4}$ alkyloxy substituted  $Het^4$ , said  $Het^4$  being selected from the group consisting of morpholinyl, piperidinyl, piperazinyl and piperazinyl substituted with methyl in the para position relative to the carbon atom bearing the  $R^5$  substituent, or  $Het^4$  consists of piperazinyl substituted with dimethylaminosulfonyl in the para position relative to the carbon atom bearing the  $R^5$  substituent.
44. (New) A compound as claimed in claim 26, provided that when  $R^5$  represents a  $C_{1-4}$ alkyloxy substituted  $Het^4$ , said  $Het^4$  being selected from the group consisting of morpholinyl, piperidinyl, piperazinyl and piperazinyl substituted with methyl in the para position relative to the carbon atom bearing the  $R^5$  substituent, or  $Het^4$  consists of piperazinyl substituted with dimethylaminosulfonyl in the para position relative to the carbon atom bearing the  $R^5$  substituent.



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45. (New) A compound as claimed in claim 28, provided that when  $R^6$  represents a  $C_{1-4}$ alkyloxy substituted  $Het^4$ , said  $Het^4$  being selected from the group consisting of morpholinyl, piperidinyl, piperazinyl and piperazinyl substituted with methyl in the para position relative to the carbon atom bearing the  $R^6$  substituent, or  $Het^4$  consists of piperazinyl substituted with dimethylaminosulfonyl, in the para position relative to the carbon atom bearing the  $R^5$  substituent.